

INDUSTRIAL SAFETY

(Examples)

What to Check, Hazards, Findings
and
Accidents

PLUMBING EMERGENCY EYEWASH STATION



Activate weekly to clear lines and maintain a written record of monthly service checks.

PORTABLE EMERGENCY EYEWASH STATION



- Inspect IAW manufactures instructions

FIRST AID KITS



IF USED

Check first aid kits for expired products

OPEN PITS



Open pits must be fully covered or *completely* surrounded by a chained guard.

OPEN PITS



Pits must be FULLY covered when not in use.

AIRCRAFT MAINTENANCE



Maintenance Mechanic--Hair caught on rotating shaft

HOUSEKEEPING



JACKSTANDS and JACKS



Manufacturing Defect

JACKSTANDS and JACKS



Caused this...

JACKSTANDS and JACKS



- Mark jack stands to show the next inspection due date
- Inspect every 6 months TP 43 0143 Appendix E

JACKSTANDS and JACKS



- Mark jacks to show the next inspection due date
- Inspect every 6-months, TB 43-0142, Appendix E

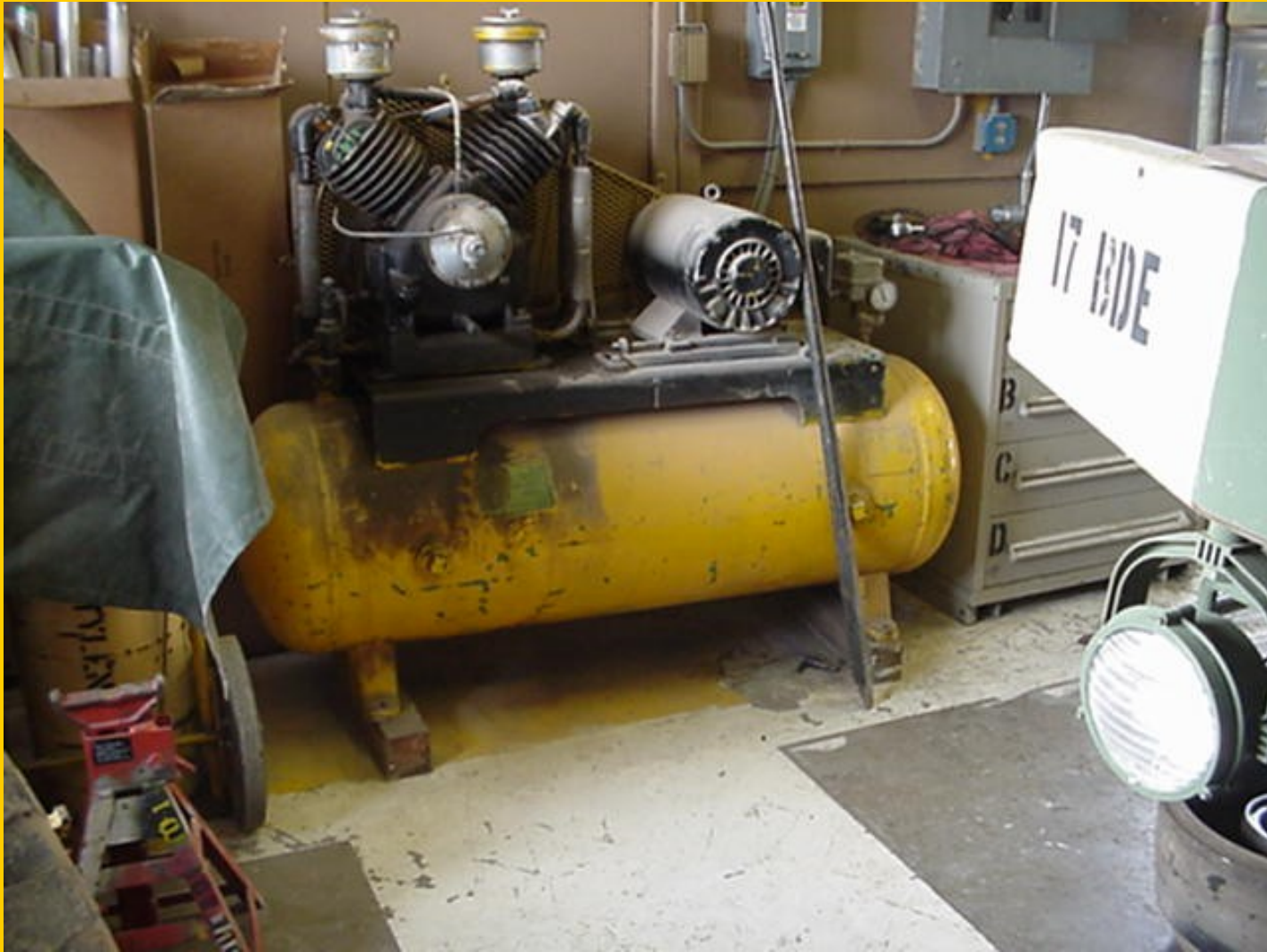
Overhead Hoists

(TB 43-0142, Appendix B)



- Mark hoists to show the max load limit and the next inspection due date
- Electrical controls must be equipped with buttons or switches that will spring back when released to ensure the hoist cannot be locked in the on position
- Inspect every 12-months

AIR COMPRESSORS



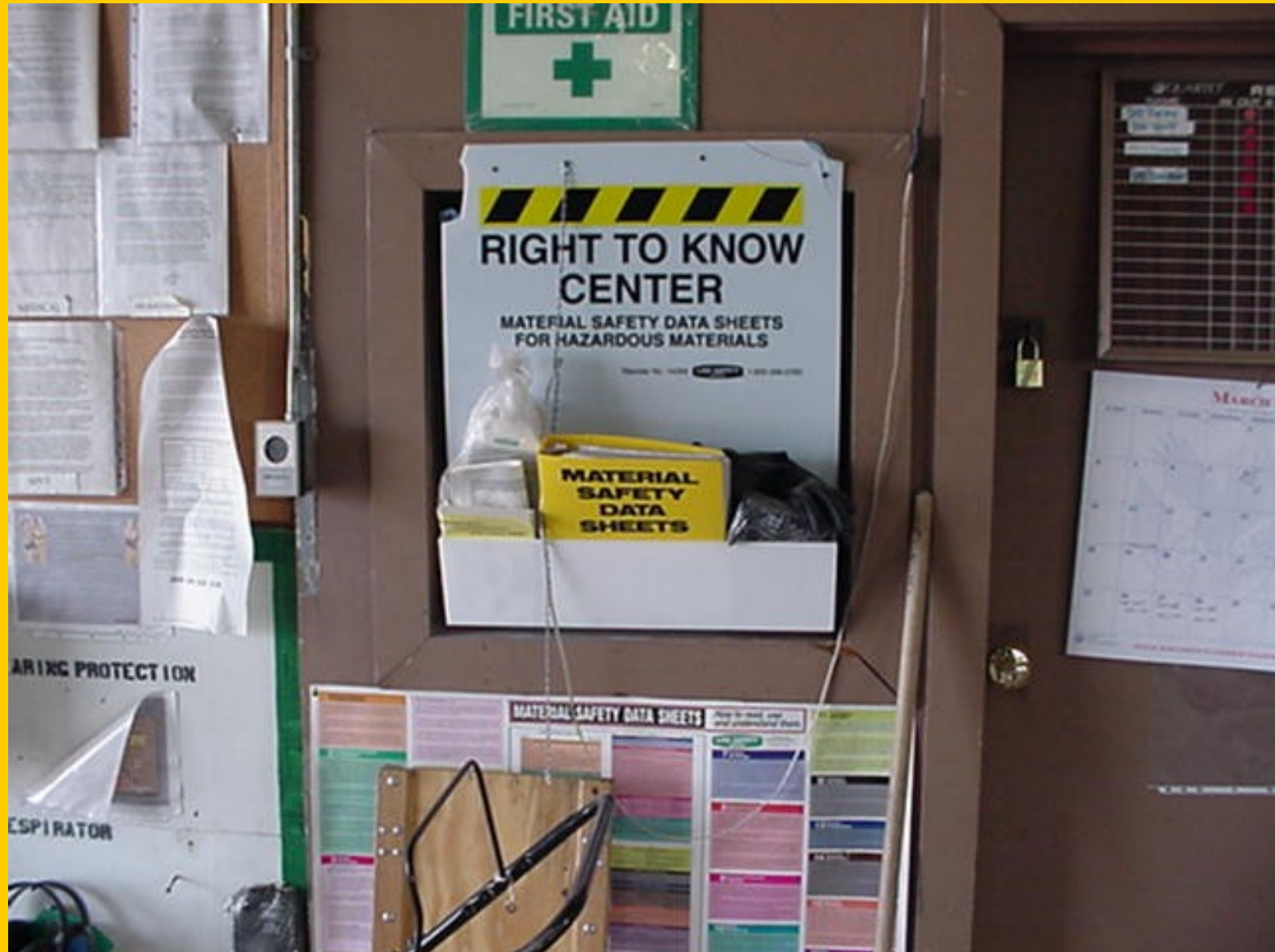
- Must have a scheduled time to drain the water from the air tank
- Shop SOP is a good place for this

AIR PRESSURE MANIFOLD

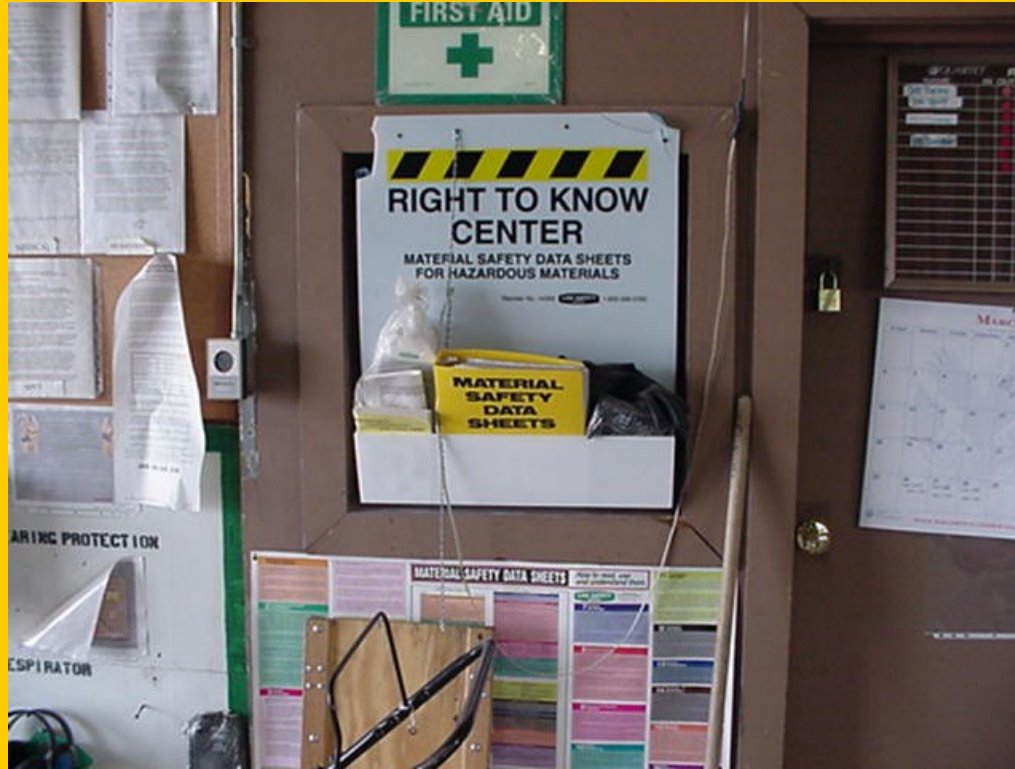


- Must have a regulator to adjust air pressure, with a pressure gauge visible to worker
- 30-PSI max pressure for cleaning

HAZARDOUS COMMUNICATIONS (HAZCOM)



HAZCOM



Must Have 5 items:

- Written program – usually an SOP
- Hazardous chemical inventory of all chemicals used or stored within the work environment

HAZCOM



- MSDS for each hazardous chemicals
- Label all containers (can be color coded)
- Training to include hazards associated with the job and environment

PETROLEUM PRODUCTS



Opened, but unused petroleum products may be kept on base providing they are properly packaged, stored, and marked

At end of duty-day, place in flammable storage locker

PLACECARDS



- Entrance ways to a connex or building that store hazardous chemicals must be identified with a placard
- Emergency personnel need to know what they are

POL GROUNDING



- Check with an ohm meter
- Document: Who, Date, ohm reading every 5-years
- FM 10-67-1

POL GROUNDING



WHEEL CHOCKS

AR 385-55



When:

- Vehicle is on an incline
- Vehicle is being serviced
- Low temperature prevents use of parking brake

Mark fuel cans to avoid using the wrong fuel



JP-8 - Yellow Top

Mark fuel cans to avoid using the wrong fuel



MOGAS - Red top, MOGAS stenciled on the side

Mark fuel cans to avoid using the wrong fuel.



The mystery can!

COMPRESSED GAS CYLINDER STORAGE



Secure all cylinders. Caps will be installed unless the tanks are mounted on a welding car

COMPRESSED GAS CYLINDER STORAGE



COMPRESSED GAS CYLINDER STORAGE



Compressed gas storage areas must be clearly marked, cylinders separated, and properly secured.

COMPRESSED GAS CYLINDER STORAGE



TRANSPORTING COMPRESSED GAS CYLINDERS



Unsecured Cargo

TRANSPORTING COMPRESSED GAS CYLINDERS



Unsecured Cargo

FIRE EXTINGUISHERS



- Bottom at least 4 inches off the floor
- Top not more than 5-feet off the floor
- Instructions are facing outward

FIRE EXTINGUISHERS



- Monthly service checks must be recorded
- Show date of and who performed the inspection

FIRE EXTINGUISHERS



Jan	_____
Feb	_____
Mar	_____
Apr	_____
May	_____
Jun	_____
Jul	_____
Aug	_____
Sep	_____
Oct	_____
Nov	_____
Dec	_____

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- Show date of and who performed the inspection

EMERGENCY EXIT SIGNS

(To Identify Location of Exit)



Must be illuminated by:

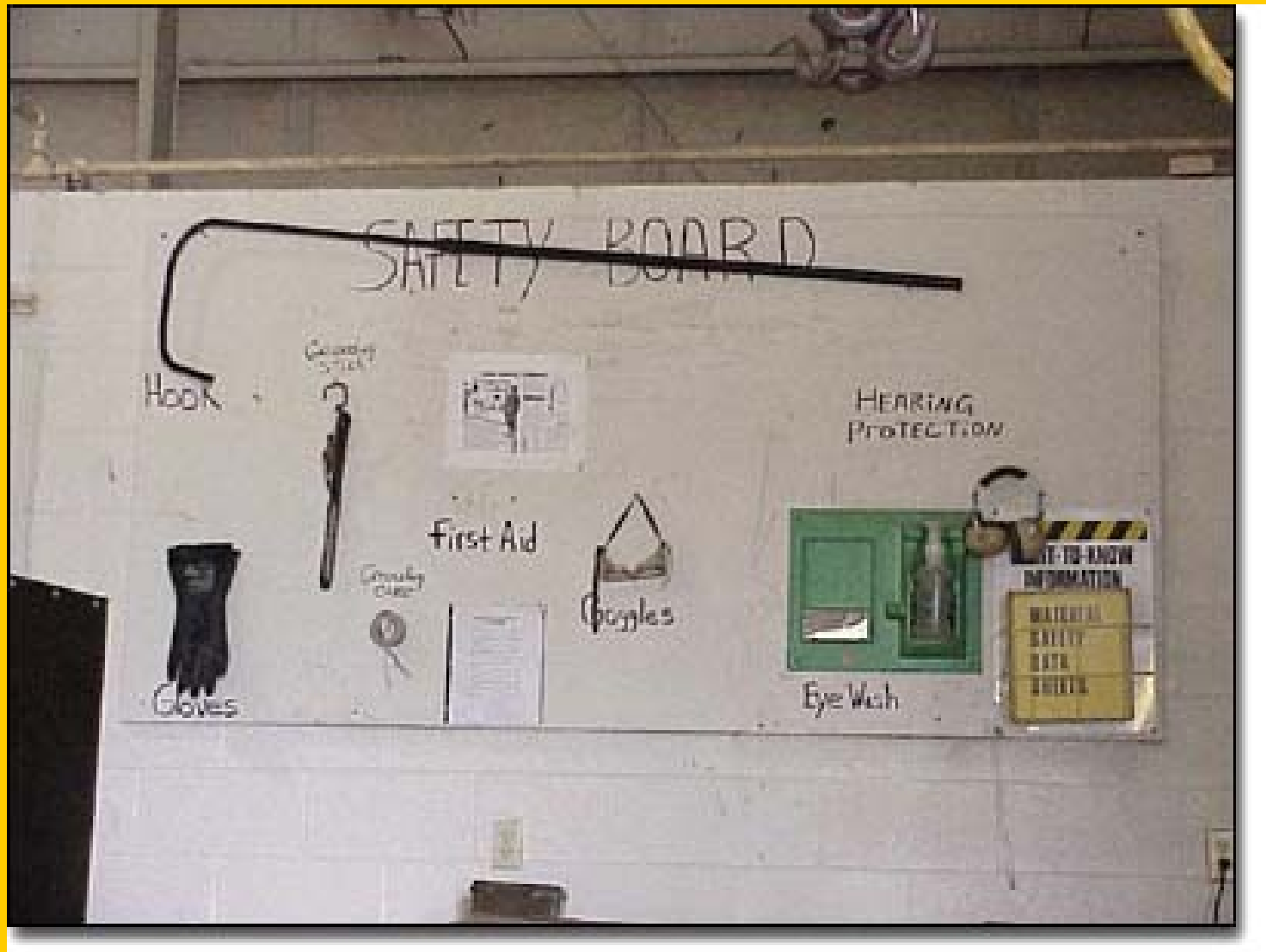
- Exit sign's internal light source
- External light -- Can be normal interior or emergency lighting

EMERGENCY LIGHTING FOR EGRESS



Used to provide illumination during electrical power outages

SAFETY BOARD



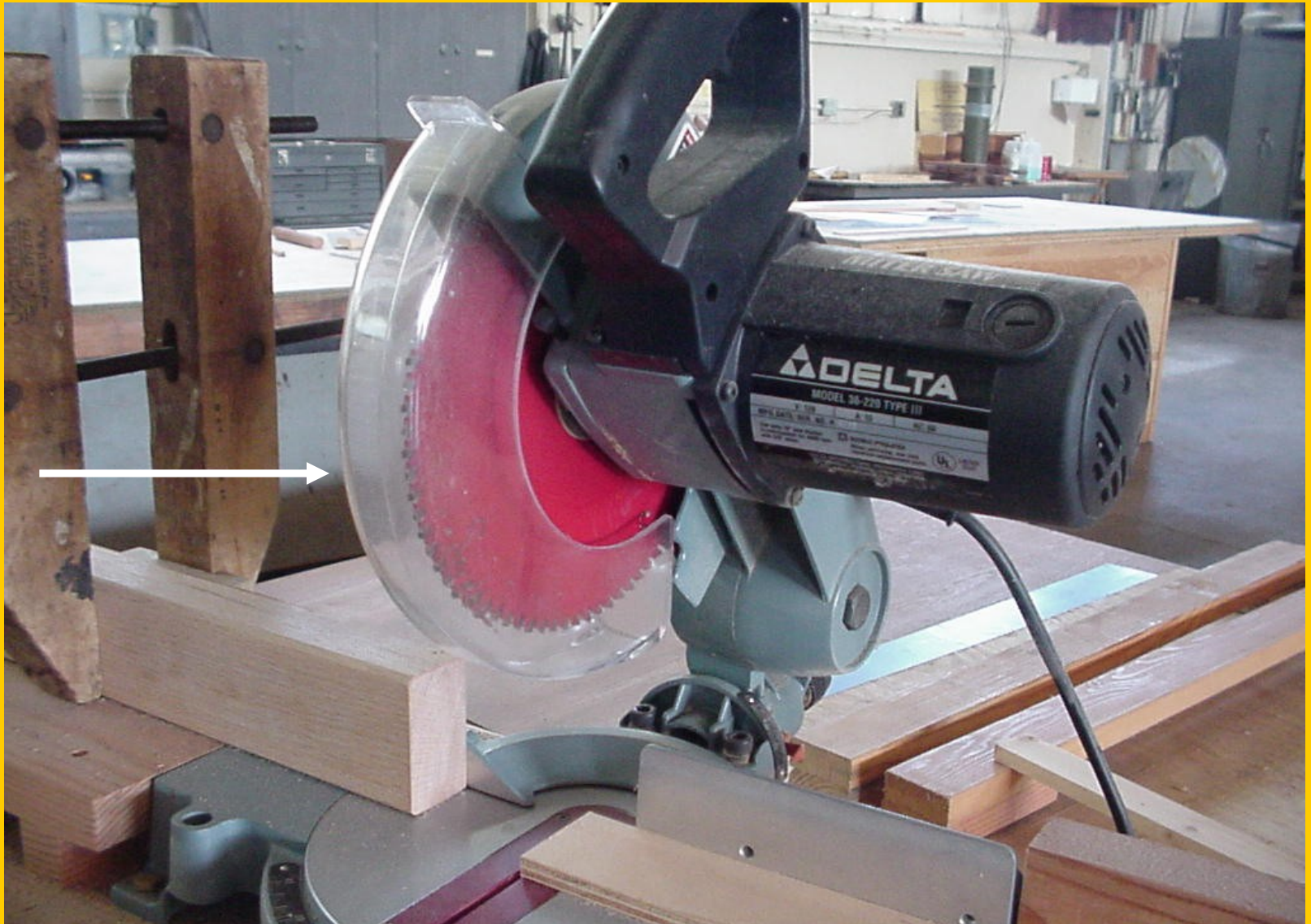
required ONLY in areas where workers encounter high voltage
(TB 385-4)

COVERS OVER MOVING PARTS



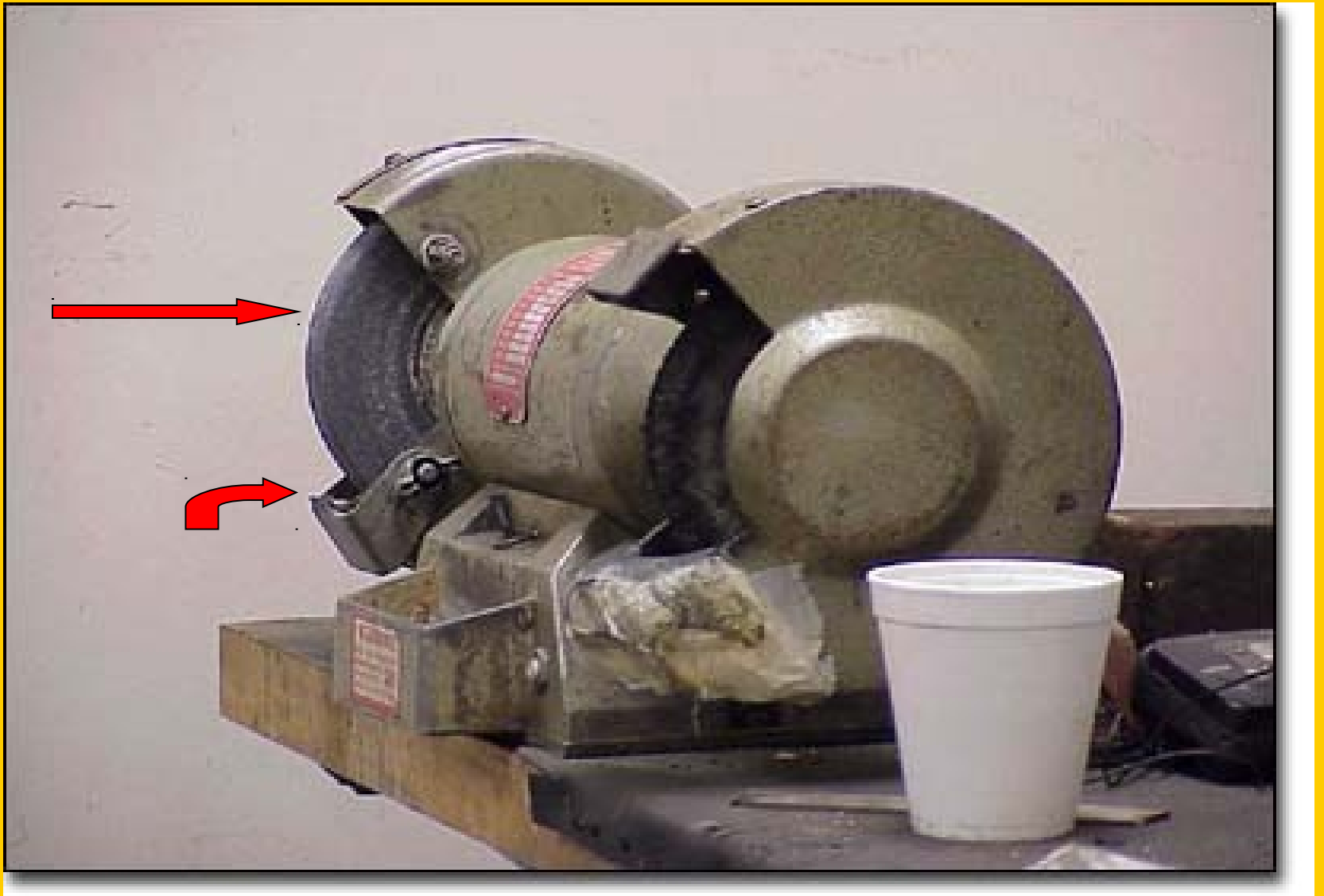
$\frac{1}{2}$ Inch max opening

MACHINE GUARDING



Saw blade must be covered

MACHINE GUARDING



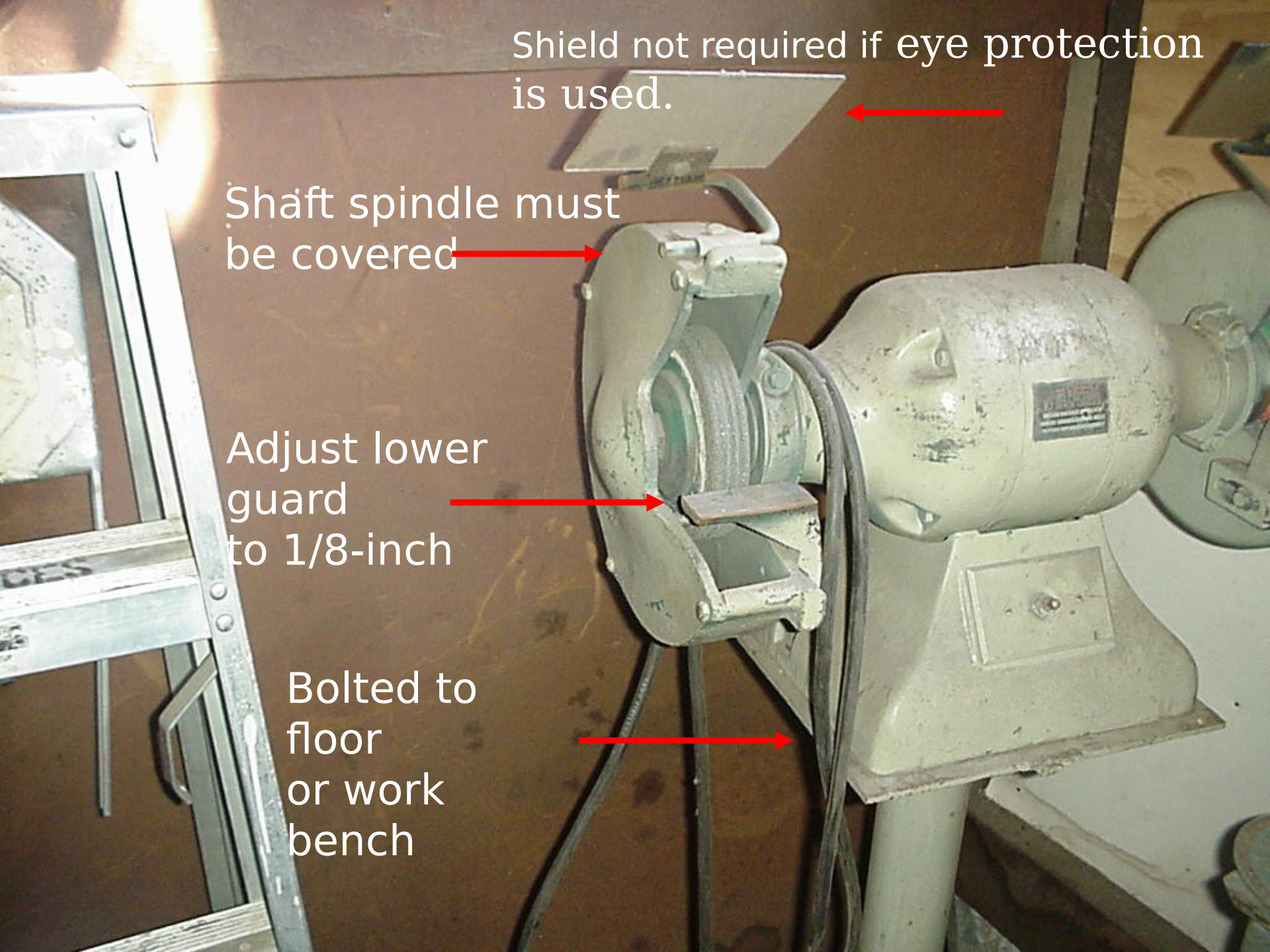
Machine guards must not be removed or bypassed.

Shield not required if eye protection is used.

Shaft spindle must be covered

Adjust lower guard to 1/8-inch

Bolted to floor or work bench



LOCKOUT - TAGOUT



Most personnel require only awareness level training

LOCKOUT - TAGOUT



- Locked out PREVENTS equipment from being activated
- Tagged out IDENTIFIES that equipment is being worked

LOCKOUT - TAGOUT



Electrical plug physically enclosed (locked out) and tagged out

SPLIT RIM TIRES



SPLIT RIM TIRES



- Is the split-rim the culprit?
- Is it the individual that *chose* not to follow procedures?

SPLIT RIM TIRES



Use Tire Inflation Cages

SPLIT RIM TIRES



- Ten foot hose kit (NSN 4910-00-441-8685) includes gauge and valve locks

HOUSEKEEPING



FALL PROTECTION



FALL PROTECTION



FALL PROTECTION



FALL PROTECTION



FALL PROTECTION



FALL PROTECTION



FALL PROTECTION



BACKING ACCIDENT



WELDING FIRE



AF MP/SP GOV ACCIDENT



AF MP/SP GOV ACCIDENT



AF MP/SP GOV ACCIDENT



PERSONAL PROTECTIVE EQUIPMENT



No eye protection

PERSONAL PROTECTIVE EQUIPMENT



No Gloves--Hands in Cleaning Solvent

PERSONAL PROTECTIVE EQUIPMENT



No PPE--EOD handling WWI Shell with Blister Agent

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ELECTRICAL HAZARDS



From the Internet

FIELD HAZARD



Snakes coming out of hibernation

ASP Loading Dock



Situational Awareness???

Sports and Recreation Accident







Sharp Edge



Improvised Stepladder?



Homemade Scaffolding

Barracks Fire



Barracks Fire



Club Fire (PAFB)



Club Fire (PAFB)



Questions?